

## Declaration for Patent Application

#5

LTI 259.1

Docket Number: 0942.5040001/RWE/MTT

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled:  
Thermostable Reverse Transcriptases and Uses Thereof,

the specification of which is attached hereto unless the following box is checked:

- ☒ was filed on May 1, 2001 ;  
as United States Application Number or PCT International Application Number 09/845,157 ; and  
was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application, which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or PCT international application having a filing date before that of the application on which priority is claimed.

### Prior Foreign Application(s)

### Priority Claimed

\_\_\_\_\_  
(Application No.)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐ Yes ☐ No

\_\_\_\_\_  
(Application No.)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐ Yes ☐ No



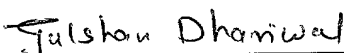
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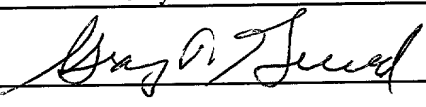
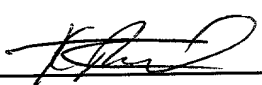
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Michael D. Smith
Signature of sole or first inventor ✓	 Date 8-6-01
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Citizenship	U.S.A.
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Signature of second inventor ✓	 Date 8-2-01
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Citizenship	U.S.A.
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Full name of third inventor	Gulshan Dhariwal
Signature of third inventor ✓	 Date 8/23/01
Residence	Potomac, MD
Citizenship	U.S.A.
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Full name of fourth inventor	Gary F. Gerard	
Signature of fourth inventor ✓		Date 8/31/01
Residence	Frederick, MD	
Citizenship	U.S.A.	
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Full name of fifth inventor	Kim Rosenthal	
Signature of fifth inventor ✓		Date 8/23/01
Residence	Laytonsville, MD	
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SKGF Rev. 5/16/01 mac

(Supply similar information and signature for subsequent joint inventors, if any)



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SKGF Ref: 0942.5040001/RWE/MTT

**POWER OF ATTORNEY FROM ASSIGNEE**

Invitrogen Corporation, a corporation of Delaware, having a principal place of business at 1600 Faraday Avenue, Carlsbad, CA 92008, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on 8/6/01, 8/2/01, 8/23/01, 8/3/01 and 8/23/01, respectively of an invention known as Thermostable Reverse Transcriptases and Uses Thereof (Attorney Docket No. 0942.5040001/RWE/MTT), which is disclosed and claimed in a patent application of the same title by the inventor(s) Michael D. Smith, Robert Jason Potter, Gulshan Dhariwal, Gary F. Gerard, and Kim Rosenthal (said application filed on May 1, 2001 at the U.S. Patent and Trademark Office, having Application Number 09/845,157).

RNE  
Reg. No.  
32,853

The Assignee hereby appoint the U.S. attorneys associated with **CUSTOMER NUMBER 28393** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688; Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; and Linda E. Alcorn, Esq., Reg. No. 39,588. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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Direct phone calls to 202-371-2600.

FOR: Invitrogen Corporation

SIGNATURE: ✓

Alan W. Hammond

BY:

Alan W. Hammond

TITLE:

Chief Intellectual Property Counsel

DATE: ✓

8/26/2001